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PATENT
Attorney Docket No.: 15270J-005912US
Client Reference No.: 209-US-NEW6C2

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

By: _____

Jordan Magat

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Dale B. Schenk

Application No.: 09/724,575

Filed: November 28, 2000

For: PREVENTION AND TREATMENT
OF AMYLOIDOGENIC DISEASES

Examiner: Daniel Kolker

Art Unit: 1649

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR §1.97 and §1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on the attached PTO/SB/08A and PTO/SB/08B forms are being called to the attention of the Examiner. Copies of references 580 and 585-587 are enclosed. In accordance with 37 CFR §1.98(d), copies of non U.S. Patent references 360-367, 369-383, 386-391, 393-394, and 399-579 can be found in Application No. 09/322,289, filed May 28, 1999 (Attorney Docket No. 15270J-004740US).

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Applicant also cites commonly owned copending applications directed to related subject matter:

09/201,430 filed 11/30/98 issued as U.S. 6,787,523 on 09/07/04;
09/497,553 filed 02/03/00;
09/724,477 filed 11/28/00 issued as U.S. 6,787,143 on 09/07/04;
09/723,927 filed 11/28/00 issued as U.S. 6,787,138 on 09/07/04;
09/723,762 filed 11/28/00 issued as U.S. 6,787,144 on 09/07/04;
09/724,102 filed 11/28/00 issued as U.S. 6,787,139 on 09/07/04;
09/724,489 filed 11/28/00 issued as U.S. 6,787,140 on 09/07/04;
10/816,022 filed 03/31/04 issued as U.S. 6,866,850 on 03/15/05;
10/816,529 filed 03/31/04 issued as U.S. 6,818,218 on 11/16/04;
10/815,391 filed 03/31/04 issued as U.S. 6,866,849 on 03/15/05;
10/934,818 filed 09/02/04;
10/934,609 filed 09/02/04 issue fee paid 01/24/05;
10/933,559 filed 09/02/04 issue fee paid 01/24/05;
10/934,819 filed 09/02/04;
10/815,353 filed 03/31/04 issued as U.S. 6,808,712 on 10/26/04;
10/816,380 filed 03/31/04 issue fee paid 01/24/05;
10/815,404 filed 03/31/04 issue fee paid 11/12/04;
09/322,289 filed 05/28/99;
09/723,713 filed 11/27/00;
09/723,760 filed 11/27/00;
09/724,319 filed 11/27/00;
09/723,384 filed 11/27/00 issued as U.S. 6,710,226 on 03/23/04;
09/724,495 filed 11/27/00;
10/788,666 filed 02/27/04;

10/429,216 filed 05/30/03;
10/828,548 filed 04/19/04;
10/923,471 filed 08/20/04;
10/923,474 filed 08/20/04;
10/928,926 filed 08/27/04;
10/923,605 filed 08/20/04;
10/923,267 filed 08/20/04;
10/923,469 filed 08/20/04;
09/580,015 filed 05/26/00;
09/724,940 filed 11/28/00 issue fee paid 11/12/04;
09/724,961 filed 11/28/00 issued as U.S. 6,743,427 on 06/01/04;
09/580,018 filed 05/26/00 issued as U.S. 6,761,888 on 07/13/04;
09/724,552 filed 11/28/00 issued as U.S. 6,750,324 on 06/15/04;
09/723,544 filed 11/28/00;
09/724,273 filed 11/28/00;
09/724,551 filed 11/28/00 issued as U.S. 6,787,637 on 09/07/04;
09/724,288 filed 11/28/00;
10/777,792 filed 02/11/04;
10/890,024 filed 04/12/04;
10/889,999 filed 04/12/04;
10/890,000 filed 07/12/04;
10/890,070 filed 07/12/04;
10/890,071 filed 07/12/04;
09/580,019 filed 05/26/00;
09/723,765 filed 11/28/00;
09/724,291 filed 11/28/00;
10/822,968 filed 04/12/04;
09/724,929 filed 11/28/00;
09/724,567 filed 11/28/00 issued as U.S. 6,890,535 on 05/10/05;
09/724,575 filed 11/28/00;

09/724,953 filed 11/28/00 issued as U.S. 6,875,434 on 04/05/05;
09/724,570 filed 11/28/00 issue fee paid 02/10/05;
09/585,656 filed 06/01/00;
09/723,766 filed 11/27/00;
09/723,725 filed 11/27/00;
09/579,690 filed 05/26/00;
09/979,701 filed 03/13/01 (U.S. Nat'l Stage of PCT/US00/14810 filed 05/26/00);
09/979,952 filed 04/09/02 (U.S. Nat'l Stage of PCT/US00/15239 filed 06/01/00);
issued as U.S. 6,913,745 on 07/05/05; and,
09/980,568 filed 03/12/02 (U.S. Nat'l Stage of PCT/US00/15302 filed 06/01/00).

Applicant also cites the following copending applications directed to related
subject matter but subject to different assignment:

10/010,942 filed 12/06/01;
10/789,273 filed 02/27/04;
10/232,030 filed 08/30/02;
10/010,942 filed 12/06/01;
10/388,389 filed 03/12/03;
10/703,713 filed 11/07/03;
10/704,070 filed 11/07/03;
10/388,214 filed 03/12/03;
10/858,855 filed 06/01/04;
10/771,174 filed 02/04/04.
60/622,525 filed 10/26/04;
60/636,684 filed 12/15/04;
60/636,842 filed 12/15/04;
60/637,253 filed 12/16/04;
60/636,810 filed 12/15/04;
60/637,138 filed 12/16/04;
60/636,776 filed 12/15/04;
60/636,687 filed 12/15/04.

Applicant further cites the following commonly owned abandoned applications directed to related subject matter:

60/067,740 filed 12/02/97;
60/080,970 filed 04/07/98;
60/067,219 filed 12/03/97;
60/079,697 filed 03/27/98;
09/204,838 filed 12/03/98;
09/724,921 filed 11/28/00;
09/724,929 filed 11/28/00;
60/137,010 filed 06/01/99;
60/251,892 filed 12/06/00;
60/137,047 filed 06/01/99;
60/136,655 filed 05/28/99; and
09/723,544 filed 11/28/00.

Applicant also cites the following abandoned application directed to related subject matter but subject to different assignment:

60/251,892 filed 12/06/00;
60/474,654 filed 05/30/03;
60/530,481 filed 12/17/03;
60/444,150 filed 02/01/03; and,
60/363,751 filed 03/12/02.

Applicant points out that the following applications are now commonly assigned but were previously subject to different assignment than the present application:

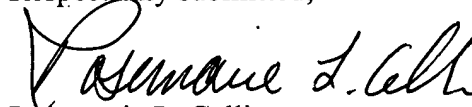
60/067,219 filed 12/03/97;
60/079,697 filed 03/27/98;
09/204,838 filed 12/03/98;
09/724,921 filed 11/28/00; and,
09/724,929 filed 11/28/00.

Applicant understands the Examiner can access papers from the prosecution of the cited cases electronically via PALM. However, if the Examiner has difficulty obtaining papers from that source he or she is invited to call the undersigned who will be happy to supply them.

As provided for by 37 CFR 1.97(g) and (h), no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information, and no inference should be made that the information and references cited are, or are considered to be material to patentability because they are in this statement. No inference should be made that the information and references cited are prior art merely because they are in this statement.

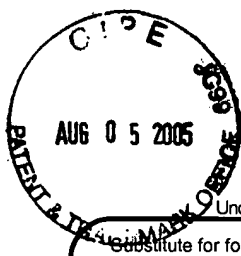
This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance. Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 12

Complete if Known

Application Number	09/724,575
Filing Date	November 28, 2000
First Named Inventor	Schenk
Art Unit	1649
Examiner Name	Kolker, D. E.
Attorney Docket Number	15270J-005912US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	578	6,875,434	04-05-2005	Schenk	
	577	6,866,849	03-15-2005	Schenk	
	575	6,866,850	03-15-2005	Schenk	
	583	2004/0265919 A1	12-30-2004	Vanderstichlele et al.	
	581	2004/0247612 A1	12-09-2004	Wang	
	582	2004/0241164 A1	12-02-2004	Bales et al.	
	576	6,818,218	11-16-2004	Schenk	
	563	6,787,637	09-07-2004	Schenk et al.	
	572	6,761,888	07-13-2004	Schenk	
	562	6,750,324	06-15-2004	Schenk et al.	
	573	6,743,427	06-01-2004	Schenk	
	442	6,713,450 B2	03-30-2004	Frangione et al.	
	444	2004/0043418 A1	03-04-2004	Holtzman et al.	
	415	2003/0166558 A1	09-04-2003	Frangione et al.	
	431	2003/0165496 A1	09-04-2003	Basi et al.	
	544	2003/0147882 A1	08-07-2003	Solomon et al.	
	432	6,562,341 B2	05-13-2003	Prusiner et al.	
	360	2003/0073655 A1	04-17-2003	Chain	
	370	2003/0068325 A1	04-10-2003	Wang	
	440	2003/0068316 A1	04-10-2003	Klein et al.	
	378	2002/0197258 A1	12-26-2002	Ghanbari et al.	
	366	2002/0187157 A1	12-12-2002	Jensen et al.	
	377	2002/0168377 A1	11-14-2002	Schaetzl	
	379	2002/0132268 A1	09-19-2002	Chang et al.	
	365	2002/0133001 A1	09-19-2002	Gefer et al.	
	362	2002/0094335 A1	07-18-2002	Chalifour et al.	
	376	2002/0086847 A1	07-04-2002	Chain	
	405	6,399,314 B1	06-04-2002	Krishnamurthy	
	453	2002/0058267 A1	05-16-2002	Ozenberger et al.	
	511	6,331,440	12-18-2001	Nordstedt, et al.	
	416	6,303,567 B1	10-16-2001	Findeis et al.	
	381	2001/0021769 A1	09-13-2001	Prusiner	

Examiner
SignatureDate
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

2

of

12

Complete if Known

Application Number

09/724,575

Filing Date

November 28, 2000

First Named Inventor

Schenk

Art Unit

1649

Examiner Name

Kolker, D. E.

Attorney Docket Number

15270J-005912US

401	6,284,533 B1	09-04-2001	Thomas
516	6,261,569	07-17-2001	Comis et al.
452	6,218,506 B1	04-17-2001	Krafft et al.
510	6,022,859	02-08-2000	Kiessling, et al.
417	5,985,242	11-16-1999	Findeis et al.
512	5,891,991	04-06-1999	Wasco et al.
445	5,854,215	12-29-1998	Findeis et al.
382	5,846,533	12-08-1998	Prusiner
446	5,817,626	10-06-1998	Findeis et al.
451	5,766,846	06-16-1998	Schlossmacher et al.
380	5,750,361	05-12-1998	Prusiner et al.
373	5,721,130	02-24-1998	Seubert et al.
515	5,652,334	07-29-1997	Roberts
584	5,589,154	12-31-1996	Anderson
574	5,576,184	11-19-1996	Better et al.
513	5,514,548	05-07-1996	Krebber et al.
514	5,470,951	11-28-1995	Roberts
403	5,464,823	11-07-1995	Lehrer et al.
543	5,278,049	01-11-1994	Baker et al.
548	5,096,706	03-17-1992	Flint
570	4,912,206	03-27-1990	Goldgaber et al.
402	4,713,366	12-15-1987	Stevens

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	533	AU	707083		07-01-1999			
	523	EP	752 886	B1	01-28-1998			
	587	JP	7-165799	A	06-27-1995			abst. only
	585	WO	04/080419	A2	09-23-2004			
	579	WO	04/031400	A2	04-15-2004			
	571	WO	04/13172	A2, A3	02-12-2004			
	441	WO	03/104437	A2	12-18-2003			

Examiner Signature

Date

Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 12

Complete if Known

Application Number	09/724,575
Filing Date	November 28, 2000
First Named Inventor	Schenk
Art Unit	1649
Examiner Name	Kolker, D. E.
Attorney Docket Number	15270J-005912US

586	WO	03/077858	A2, A3	09-25-2003		
443	WO	03/74081	A1	09-12-2003		
447	WO	03/51374	A2	06-26-2003		
433	WO	03/20212	A2	03-13-2003		
458	WO	02/60481	A1	08-08-2002		
457	WO	02/46237	A1	06-13-2002		
557	WO	02/88307	A2	11-07-2002		
556	WO	02/88306	A2	11-07-2002		
456	WO	02/21141	A2	03-14-2002		
450	WO	01/18169	A3	03-15-2001		
455	WO	01/10900	A2	02-15-2001		
529	WO	00/68263	A2	11-16-2000		
519	WO	00/26238	A2	05-11-2000		
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522	WO	00/20027	A2	04-13-2000		
526	WO	99/06587	A2	02-11-1999		
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520	WO	98/22120	A1	05-28-1998		
530	WO	98/08868	A1	03-05-1998		
521	WO	98/05350	A1	02-12-1998		
525	WO	98/02462	A1	01-22-1998		
527	WO	97/32017	A1	09-04-1997		
383	WO	97/10505	A1	03-20-1997		
528	WO	97/08320	A1	03-06-1997		
532	WO	96/37621	A2	11-28-1996		
518	WO	95/23166	A1	08-31-1995		
531	WO	95/08999	A1	04-06-1995		
524	WO	95/05393	A2	02-23-1995		
517	WO	94/05311	A1	03-17-1994		

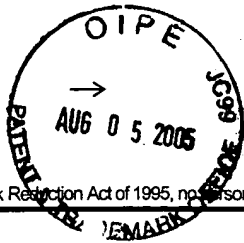
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Date
Considered

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

4

of

12

Complete if Known

Application Number	09/724,575
Filing Date	November 28, 2000
First Named Inventor	Schenk
Art Unit	1649
Examiner Name	Kolker, D. E.
Attorney Docket Number	15270J-005912US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	391	AGUZZI et al., "Prion research: the next frontiers," <u>Nature</u> , 389:795-798 (1997).	
	372	AKIYAMA et al., "Occurrence of the Diffuse Amyloid β -Protein (A β) Deposits With Numerous A β -Containing Glial Cells in the Cerebral Cortex of Patients With Alzheimer's Disease," <u>Glia</u> , 25:324-331 (1999).	
	393	AKIYAMA et al., "Inflammation and Alzheimer's disease," <u>Neurobiology of Aging</u> , 21:383-421 (2000).	
	448	ANDREW et al., <u>Current Protocols in Immunology</u> , 2.7.1-2.9.8, John Wiley & Sons, Inc. (1997).	
	484	ARENDIASH et al., "Behavioral assessment of Alzheimer's transgenic mice following long-term A β vaccination: Task specificity and correlations between A β deposition and spatial memory," <u>DNA and Cell Biology</u> , 20(11):737-744 (2001).	
	485	BACSKAI et al., "Imaging of amyloid- β deposits in brains of living mice permits direct observation of clearance of plaques with immunotherapy," <u>Nature Medicine</u> , 7(3):369-372 (2001).	
	504	BALBACH et al., "Amyloid fibril formation by A β_{16-22} , a seven-residue fragment of the Alzheimer's β -amyloid peptide, and structural characterization by solid state NMR," <u>Biochemistry</u> , 39:13748-13759 (2000).	
	550	BARD et al., "Epitope and isotype specificities of antibodies to β -amyloid peptide for protection against Alzheimer's disease-like neuropathology," <u>PNAS</u> , 100(4):2023-2028 (2003).	
	561	BELLOTTI et al., "Application of Monoclonal Anti-idiotypes in the Study of AL Amyloidosis: Therapeutic Implications," <u>Renal Failure</u> , 15(3):365-371 (1993).	
	404	BENJAMINI et al., from <u>IMMUNOLOGY A Short Course</u> , Second Edition, Chapter 4, Antibody Structure, pages 49-65, 1991, published by Wiley-Liss, Inc., New York, New York.	
	558	BENJAMINI et al., from <u>IMMUNOLOGY A Short Course</u> , Second Edition, pages 136-138, 143, 73-74, 372-373, and 400-401, 1991, published by Wiley-Liss, Inc., New York, New York.	
	540	BENKIRANE, et al, "Antigenicity and Immunogenicity of Modified Synthetic Peptides Containing D-Amino Acid Residues," <u>J. Biol. Chem.</u> , 268(23):26279-26285 (1993).	
	419	BORK et al., "Go hunting in sequence databases but watch out for the traps," <u>Trends in Genetics</u> , 12(10):425-427 (1996).	

Examiner
SignatureDate
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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60555940



Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/724,575
				Filing Date	November 28, 2000
				First Named Inventor	Schenk
				Art Unit	1649
				Examiner Name	Kolker, D. E.
(use as many sheets as necessary)				Attorney Docket Number	15270J-005912US
Sheet	5	of	12		

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First Named Inventor	Schenk
Art Unit	1649
Examiner Name	Kolker, D. E.
Attorney Docket Number	15270J-005912US

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